

Rabbit DLAT Polyclonal Antibody | anti-DLAT antibody

DLAT antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199030	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

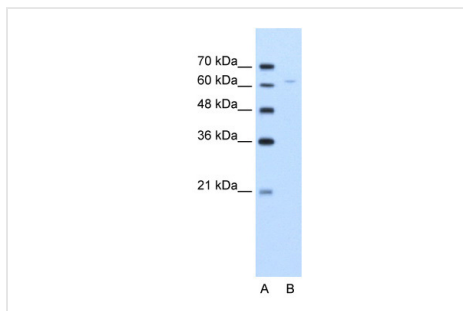
PRODUCT SYNONYMS

DLAT; Polyclonal Antibody; DLAT antibody - N-terminal region; anti-DLAT antibody

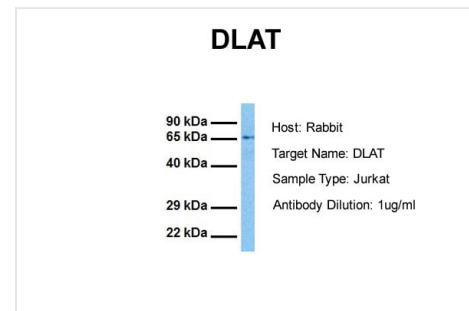
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: WT PSSGATPRNR LLLQLLGSPG RRYYSLPFHQ KVPLPSLSPT MQAGTIAR
Sequence Length	647
Applicable Applications for anti-DLAT antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DLAT
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

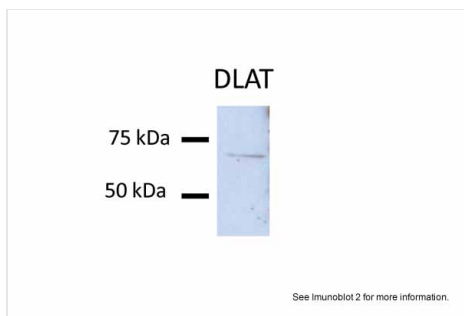
IMAGES


WB (Western Blot)

WB Suggested Anti-DLAT Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate

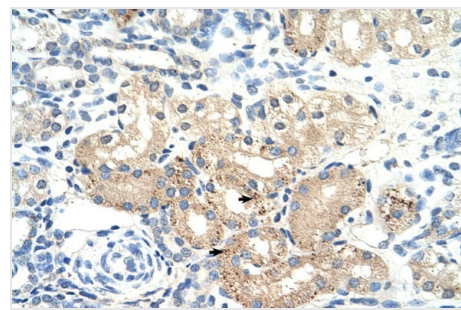

WB (Western Blot)

Host: Rabbit Target Name: DLAT Sample Tissue: Human Jurkat Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Sample Type: Human Huh7
Sample Type: Huh7 lysate (50ug)
Primary Antibody Dilution: 1:200
Image Submitted By: Partha Kasturi
University of Kansas Medical Center



IHC (Immunohistochemistry)

Rabbit Anti-DLAT Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-DLAT antibody	This is a rabbit polyclonal antibody against DLAT. It was validated on Western Blot and immunohistochemistry Target Description: DLAT is dihydrolipoamide acetyltransferase, the E2 subunit of the mammalian pyruvate dehydrogenase complex of the inner mitochondrial membrane. Patients with primary biliary cirrhosis show autoantibodies to DLAT. The DLAT gene encodes dihydrolipoamide acetyltransferase (EC 2.3.1.12), the E2 subunit of the mammalian pyruvate dehydrogenase complex (PDC; EC 1.2.4.1) of the inner mitochondrial membrane. Patients with primary biliary cirrhosis (PBC; MIM 109720) show autoantibodies to DLAT.[supplied by OMIM].
Product Categories/Family for anti-DLAT antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	31711992
NCBI GeneID	1737
NCBI Accession #	NP_001922
NCBI GenBank Nucleotide #	NM_001931
UniProt Accession #	P10515
Molecular Weight	69kDa
NCBI Official Full Name	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
NCBI Official Synonym Full Names	dihydrolipoamide S-acetyltransferase
NCBI Official Symbol	DLAT
NCBI Official Synonym Symbols	E2; DLTA; PDCE2; PDC-E2
NCBI Protein Information	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Protein Name	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Gene Name	DLAT
UniProt Synonym Gene Names	DLTA; PBC; PDC-E2; PDCE2
UniProt Entry Name	ODP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dlat-antibody-western-blot-immunohistochemistry-elisa/199030>